

=====

Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2009; month=6; day=9; hr=13; min=16; sec=46; ms=728;]

=====

Application No: 10581085 Version No: 2.0

Input Set:

Output Set:

Started: 2009-06-02 13:28:25.814
Finished: 2009-06-02 13:28:26.471
Elapsed: 0 hr(s) 0 min(s) 0 sec(s) 657 ms
Total Warnings: 4
Total Errors: 0
No. of SeqIDs Defined: 7
Actual SeqID Count: 7

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)

SEQUENCE LISTING

<110> DAIKIN INDUSTRIES, LTD.

<120> Method for detecting a chemical Substance with a gene-disrupted microorganism

<130> 664582

<140> 10581085

<141> 2009-06-02

<150> JP 2003-403350

<151> 2003-12-02

<160> 7

<210> 1

<211> 1287

<212> DNA

<213> *Saccharomyces cerevisiae*

<400> 1

gcagtcaacg aggagcgaat cagacgccag tctttcctcc accaagagct cgatctcttc	60
catattttcc caagataatg actattccat tcacgatttg ttgtacgaag atattgaaga	120
gatggataaa acagacgctt tcaaaattaa caacacaata gcaatcgatg attctaaagc	180
tctctttgtc ttctgttcaa acgactcctc ctcaaggaca gcgtctatcg aaacattgca	240
cgaatcaaat ttggacaacc tggatatggg ttccagtaga aggacatcgt tggacttttt	300
ttaatataac ctaccatagg acacactttg ttgttgatgt tggacaattc gttaattaag	360
agtccttaaa cggctctact agttccaacc tcactttggt ttttcatttt tttatgtttt	420
ttctagaacc ttctttacgt gattctcgtc cggaatccgt caatagaatg ttttcagtct	480
ccgttttcaat attctgcgca catcaatcat tttcttacta catacactaa cattactcct	540
agtttaattt aattgaattt ttaactttct tttcttttca tttggcaatt tggtctcttg	600
aaaacaagac tatgggtctc ttcataagc ctcagggggg gaccccaaaa aaataacgcg	660
gccatcttgc atgcaccgtt gaacctgtag cttacagtaa gccacaattc tcttaccttc	720
ttggcaatgt ggcacaaaat aatctggtta tgtgtcttca tttggtaatc actgggatgt	780
tactggggca gcagcaactc cgtgtgtacc cctaactccg tgtgtacccc taaagaacct	840
tgctgtcaa ggtgcattgt tggatcggaa tagtaaccgt ctttacatga acatccacaa	900
ccaacgaaag tgctttttca agcattgctt gattttctaga aagatcgatg gttattccct	960
cccccttatg cgtccaaaaa tatagggtgc tcgtaacagt aaggatttcg cacttagcgt	1020
gctcgcaaca caaaattaag taatatgcga gttttagatg tccttgcgga tctatgcacg	1080
ttcttgagtg gtatttcata acaacggttc tttttcaccc ttattcctaa acatataaat	1140
aggacctcca ttagttagag atctgttttt aatccattca cctttcattc tactctctta	1200
tactaataaa accaccgata aagatatatc agatctctat taaaacaggt atccaaaaaa	1260
gcaaacaac aaactaaaca aattaac	1287

<210> 2

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthesized

<400> 2

gcagtcaacg aggagcgaat cag

<210> 3
<211>22
<212> DNA
<213> Artificial Sequence
<220>
<223> Synthesized

<400> 3
gttaatttgt ttagtttggt tg 22

<210> 4
<211> 720
<212> DNA
<213> Aequorea victoria

<400> 4
atggctagca aaggagaaga actcttcact ggagttgtcc caattcttgt tgaattagat 60
ggtgatgtta acggccacaa gttctctgtc agtggagagg gtgaagggtga tgcaacatac 120
ggaaaactta ccctgaagtt catctgcact actggcaaac tgccctgttcc atggccaaca 180
ctagtcacta ctctgtgcta tgggtgttcaa tgcttttcaa gatacccgga tcatatgaaa 240
cggcatgact ttttcaagag tgccatgccc gaaggttatg tacaggaaag gaccatcttc 300
ttcaaagatg acggcaacta caagacacgt gctgaagtca agtttgaagg tgataccctt 360
gttaatagaa tcgagttaaa aggtattgac ttcaaggaag atggcaacat tctgggacac 420
aaattggaat acaactataa ctcacacaat gtatacatca tggcagacaa acaaaagaat 480
ggaatcaaag tgaacttcaa gacccgccac aacattgaag atggaagcgt tcaactagca 540
gaccattatc aacaaaatac tccaattggc gatggccctg tccttttacc agacaaccat 600
tacctgtcca cacaatctgc cctttcgaaa gatcccaacg aaaagagaga ccacatggtc 660
cttcttgagt ttgtaacagc tgctgggatt acacatggca tggatgaact gtacaactga 720

<210>5
<211> 1466
<212> DNA
<213> Saccharomyces cerevisiae

<400> 5
acgccccttc ctttttccct ttccttggtg tttgctatta ataaataatg tgcggagctc 60
aatcgtcata cgttcacgcc aggetccgga atcagagtac caatgcatgg gtacttattc 120
tcaaaatgct cttgccactc atccagtgcg tcaatctggt cttttgtcag atcatctaag 180
ggatcgatag gctgatccca atctttaata acgtccagat cgaaggagtt caatgcaaga 240
ccacgcgacg catcatggcc tgcaaagtta gtgtatggcc cgcttggacc gtaaaactgc 300
ctccctcttg tgcagtcgta tactttgccc ctaatagcaa taaatathtt ttcatcgtcg 360
tggccgttaa atttggaaag cgtcctagga aagaaattac ccgctactac cggttcacta 420
cctttattag aatcgtttgt gtttgaggcc ccgttacctg tgagcccggg tggatcctca 480
cttgttttta cacctccaaa taacaagttt ttaatgaagg acatttgttc tctataatat 540
tccgatgtac gtgtgtgtgg ctgatgagat ttagactggg tagactatht gacgcgtcta 600
ttatagctta ctgcaacaag aaaatgatcg ttgatataa aactctcaga tgtatatatc 660
gttctggaaa catcgagcat aatacaatac aattcaacaa aaatgcgaga aggactgat 720
gtcttgctcg taaagaacca aaaacgcgga cactacgacc gtcttathtc cggtagaaaa 780
agggtacata cagttgaagg aacgaagaaa attaaaatta gaaaaaaaag taaaataaaa 840
caaggaagggt agggtaatat ggtctcgtht cctttgtcgc tccgcaaata aaggagctta 900
ttcccgcacg ctcacatggg aatttgcgcc aaatcacgga tgtggaaaac tgatcacgtg 960
cttcgatcgc caactactga gcgtcgtccc acactgatct ggcacagctt acctcgcctt 1020
gaaaatttta atctgtcctg ctcgthtggt gtatatgtct tcttctcaga atatgcccgc 1080
gataactgac aaagagggtt cgacgthtca gagattctac tcttgaccac tgthtctgtg 1140

agccgctcaa	ggtttatattc	tttcttcttt	aatgttcttg	gcacttaggc	ggctccgtcc	1200
tccgtctgaa	attgccgatac	ctattatttg	cggaggggctc	cttagaaggg	ctccttagta	1260
agcagtttgc	gttcctgata	taactccgtt	cagaacaagg	ataaagtcgc	aataaccatt	1320
actaagcaca	gtgttgtaag	taggacaact	cgaacctata	taagggttgt	gaactgtgct	1380
tgattcttgc	ccatcatatg	caaaaaagta	cgtacttgat	atatacaaca	actgtagttc	1440
agtatagcga	agtttaaatt	tagaag				1466

<210> 6
<211> 23
<212> DNA
<213> Artificial Sequence
<220>
<223> Synthesized

<400> 6	
acgcccttc	cttttccct ttc
	23

<210> 7
<211> 22
<212> DNA
<213> Artificial Sequence
<220>
<223> Synthesized

<400> 7	
cttctaaatt	taaacttcgc ta
	22